DEPARTMENT OF THE AIR FORCE

COMMITTEE STAFF PROCUREMENT BACKUP BOOK **FY 2001 BUDGET ESTIMATES FEBRUARY 2000**



PROCUREMENT OF AMMUNITION

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OFFICE OF ORIGIN: DIRECTORATE OF SUPPLY
COMBAT SUPPORT DIVISION
(HQ USAF/ILSR)
Approved for Public Release
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DEPARTMENT OF THE AIR FORCE PROCUREMENT OF AMMUNITION APPROPRIATION ESTIMATES FOR FISCAL YEAR 2001

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APPROPRIATION LANGUAGE

PROCUREMENT OF AMMUNITION, AIR FORCE

land necessary therefor, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes; \$638,808,000, to remain available for obligation until September 30, 2003. devices; expansion of public and private plants, including ammunition facilities authorized by section 2854 of title 10, United States Code, and the For construction, procurement, production, and modification of ammunition, and accessories therefor; specialized equipment and training of approval to title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and

BODGET ITEM 303 IIITICATION (EARIBIT F-40)	(EXHIBIT P-4	(01			DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:			P-1 NON	P-1 NOMENCLATURE:	.•:		
PAAF/MUNITIONS & RELATED EQUIPMENT	MENT		ROCKETS	ROCKETS (OVERVIEW)			
	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY							
COST (in Thousands)	\$8,067	7 \$9,054	\$11,466	\$18,919	\$11,047	\$11,904	\$12,250
Description:							
1. The Air Force primarily uses rockets to mark target locations for other aircraft during combat and training operations. Rockets constitute the primary target marking munition used by forward air control aircraft, which launch this munition from reuseable pods carried on the aircraft's pylons. The 2.75-inch diameter rocket with folding fins utilizes high explosive, white phosphorus, or target practice warheads, and can be fired from either high or low speed aircraft. Three versions of the 2.75-inch rocket motor are in use: the MK 4, MK 40 and MK 66.	kets to mark tar ed by forward ai cet with folding ft. Three versio	target locations for other aircraft during combat and training operations. Rockets constitute the lair control aircraft, which launch this munition from reuseable pods carried on the aircraft's ng fins utilizes high explosive, white phosphorus, or target practice warheads, and can be fired sions of the 2.75-inch rocket motor are in use: the MK 4, MK 40 and MK 66.	wher aircraft dur which launch the explosive, whith h rocket motor	ing combat and us munition fron phosphorus, or tre in use: the M	training operati n reuseable poc target practice K 4, MK 40 an	ons. Rockets collis carried on the warheads, and of MK 66.	onstitute the aircraft's can be fired
2. FY99 funding was appropriated for the 2.75 Inch Rocket Motor (P-1 line number 2), 2.75 In Rocket, Flare IR (P-1 line number 3) and Items Less Than \$5,000,000, Rockets and Launchers (P-1 line number 4).	or the 2.75 Inch Launchers (P-1	Rocket Motor (P line number 4).	-1 line number	2), 2.75 In Rock	et, Flare IR (P-	1 line number 3) and Items
3. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	ified on the foll most critical m	collowing P-40A and are representative of items to be procured. Items primunitions/equipment needed to support Air Force mission requirements.	l are representati it needed to supj	ive of items to be port Air Force m	e procured. Ite iission requiren	ems procured du nents.	ring
	P-1 ITEM	M NO:		PAGE NO:		Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	N FOR	AGGREC	SATED ITEN	IS (EXHIBIT P	- 40A)		DATE: FEBRUARY 2000	EBRL	JARY
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	JIPMENT			P-1 NOMENCLATURE: ROCKETS (OVERVIEW)	ICLATURE ERVIEW)				
OWELL TIME OF COOL	0			FY1	FY1999	FY;	FY2000		FY2001
ROCOREMENT ITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST		QTY.
2.75 INCH ROCKET MOTOR (HA07)				6,776	\$3,371	15,022	\$6,817	317	16,108
ITEMS LESS THAN \$5 MILLION					\$4,696		\$2,237	<u>~</u>	25
Totals:					\$8,067		\$9,054		
Remarks:									
	P-1 ITEM NO:	ON :		PAGE NO:				l	Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P	rification ((EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	.::		
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPN	AENT		ROCKETS	ROCKETS (2.75 INCH ROCKET MOTOR - HA07)	CKET MOTOR -	HA07)	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$3,371	\$6,817	\$7,834	\$17,000	\$9,876	\$10,864	\$10,836
Description: 1. The MK 66 MOD 4, 2.75 Inch Rocket Motor is a single stage, solid grained rocket motor used to propel various 2.75 inch warheads to their targets. The MK66 MOD 4 Rocket Motor offers the following technical enhancements over previous versions: a. Complete electro-magnetic radiation, electro-static discharge, and electro-magnetic pulse protection on all U.S. aircraft under all operational conditions b. Ignition system interoperability on all U.S. military aircraft c. Reduced propellant grain cracking during ignition d. Reduced ignition delay variability e. Reduced operational safety requirements f. Significantly reduced visible flash on ignition g. Improved grounding circuit 2. This item is procured through the Single Manager for Conventional Ammunition.	y, 2.75 Inch Roo DD 4 Rocket Magnetic radia ions teroperability on the grain crackin and safety requived ced visible flas ing circuit d through the S	cket Motor is a s fotor offers the f tion, electro-stat an all U.S. milita ng during ignition y trements h on ignition	s a single stage, solid grained rocket motor used to propel varithe following technical enhancements over previous versions: -static discharge, and electro-magnetic pulse protection on all nilitary aircraft intion ger for Conventional Ammunition.	l grained rocket al enhancemen l electro-magne	t motor used to j	propel various s versions: tion on all U.S.	2.75 inch warher aircraft under air	ads to their
		P-1 ITEM NO:	Ö		PAGE NO:		Page	1 of 1

)										
WEAPON SYSTEM COST ANALYSIS (EXHIB	TASIS (IT P- 5)							DATE: F	-EBRU	FEBRUARY 2000	0
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET MOTOR - HA07)	(2.75 INC	TURE: SH ROCK	ЕТ МОТС)R - HA07	,			
	TIVE					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αту	UNIT	TOTAL COST	ary	UNIT	TOTAL COST	αTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL
COMPLETE ROUND	A				6,776	473.32	3,207	15,022	436.05	6,550	16,108	466.12	7,508
													,
PRODUCTION SUPPORT							{164}			(267)			(326)
PRODUCTION ENGINEERING							94			166			177
PRODUCTION MANAGEMENT SUPPORT							70			101			149
TOTALS:							3,371			6,817			7,834
REMARKS:													
Δ.	P-1 ITEM NO:	NO:			PAG	PAGE NO:					Pa	Page 1 of 1	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	T HIST	ORY PL	ANNING (EXHIBIT	r P- 5A)		DATE:	FEBR	FEBRUARY 2000	2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	EQUIPA	MENT		P-1 NOMENCL/ ROCKETS (2.75 IN	P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET MOTOR - HA07)	(2				
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	¥ 0	AWD. PI	DATE SP FIRST A' DEL. N	SPECS AVAIL NOW	DATE REV. AVAIL
COMPLETE ROUND										
FY99	6,776	497.49	AFMC/OO-ALC	C/FFP	GDOS - BURLINGTON, VT (2)	UL	JUN 99 JL	JUL 00		
FY00	15,022	453.80	AFMC/OO-ALC	OPT/FFP	GDOS - BURLINGTON, VT (2)	AP	APR 00 OC	OCT 01	-	
FY01	16,108		486.34 AFMC/00-ALC	OPT/FFP	GDOS - BURLINGTON, VT (2)	AP	APR 01 00	ост 02	>	
REMARKS: (1) The PCO location is the Army Industrial Operations (2) GDOS - General Dynamics Ordnance Systems; Burl	/ Industr	Systems,	ions Command (IOC) S Burlington, Vermont	Single Manager for C	Command (IOC) Single Manager for Conventional Ammunition (SMCA). ington, Vermont	(CA).				
	P-1	P-1 ITEM NO:	Ö	PAGE NO:				Раде	ا م	_

APPROP CODE/BA: PA4FMUNITIONS & RELATED EQUIPMENT PCOKETS (ITEMS LESS THAN \$5 MILLION) PA4FMUNITIONS & RELATED EQUIPMENT FV1999 FV2000 FV2007 FV2002 FV2004 FV2004 QUANTITY \$4.696 \$2.237 \$3.632 \$1.919 \$1.040 \$1.414 Description: All items have an annual procurement value of less than \$5,000,000 and are Code A. Items requested in FV01 are identified on the following munitions/equipment needed to support Air Force mission requirements. P40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT COST (in Thousands) Bescription: All items have an annual procurement value of I P-40A and are representative of items to be procumunitions/equipment needed to support Air Formunitions/equipment needed to support Needed Need	ATED EQUIPMENT of items eded to support	MENT FY1999 st obe procured. Jort Air Force miss P-1 ITEM NO	### ##################################	P-1 NON ROCKETS \$3,632 during executic tts.	AENCLATURE S (ITEMS LESS - FY2002 S (ITEMS LESS - \$1,919 Items requeste on may change	E: THAN \$5 MILLIO FY2003 d in FY01 are io based on the mc	DATE: FEBRUARY 2000 SMILLION) \$1,171 \$1,040 Of are identified on the follon the most critical	\$1,4 \$1,4
	BUDGET ITEM JUSTI	FICATION	(EXHIBIT P-40)				DATE:	FEBRUARY 2	2000
			P-1 ITEM NC	ö		PAGE NC		Page	3 1 of 1
P-1 ITEM NO: PAGE NO: Page 1 of 1				1		<u> </u>			

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	ION FOR AGGREGA	TED ITEMS (E	XHIBIT P- 40	\-IL)		DATE:	DATE: FEBRUARY 2000	RY 2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	QUIPMENT	ROCK	P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)	FURE: SS THAN \$5 MI	(NOI)			
								FY2001
PROCUREMENT ITEMS			NSN	QTY.	COST		QTY.	COST
2.75 INCH FLARE, IR (HA06)		<u> </u>			:		821	\$1,236
2.75 INCH SIGNATURE WARHEAD (H872)							26,481	\$2,396
TOTALS:								\$3,632
	P-1 ITEM NO:		PAGE NO:				Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P	CATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	.::		
PAAF/MUNITIONS & RELATED EQUIPMENT	ED EQUIPN	1ENT		CARTRID	CARTRIDGES (OVERVIEW)	(_V		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$45,030	\$69,061	\$70,090	\$123,673	\$83,946	\$77,949	\$79,286
Description:								
The items within this category include cartridges and airborne counter measures used to support training qualification and war reserve stocks requirements. This funding also procures Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD) items, such as gas generators, initiators, shield mild detonation cord, rocket motors, rocket catapults, etc., used on aircraft fire suppression, emergency release and aircrew escape systems. FY99 funding was appropriated in 5.56 MM ammunition (P-1 line number 6), 30 MM Training ammunition (P-1 line number 7), Cartridge Chaff RR-180 (P-1 line number 8), Cartridge Chaff RR-188 (P-1 line number 9), Signal MK-4 MOD 3 (P-1 line number 10), thems Less Than \$5,000,000 (Cartridges) (P-1 line number 11), and CAD/PAD (P-1 line number 29). Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	ory include g also proce nation cord, ding was ap f RR-180 (J an \$5,000,(P-40A and nipment nee	ures Cartridges and a ures Cartridge Act rocket motors, 1 oppopriated in 5.2 P-1 line number \$200 (Cartridges) are representativeded to support Act of the component Act of the c	uirborne counter ctuated Devices, rocket catapults, 56 MM ammuni 8), Cartridge Ch (P-1 line numbe ve of items to be vir Force missio	measures used /Propellant Act, etc., used on a ition (P-1 line raff RR-188 (P-2r 11), and CAl e procured. Itel in requirements in requirements	and airborne counter measures used to support training qualification and war reserve; ge Actuated Devices/Propellant Actuated Devices (CAD/PAD) items, such as gas ger ors, rocket catapults, etc., used on aircraft fire suppression, emergency release and air in 5.56 MM ammunition (P-1 line number 6), 30 MM Training ammunition (P-1 line nber 8), Cartridge Chaff RR-188 (P-1 line number 9), Signal MK-4 MOD 3 (P-1 line uges) (P-1 line number 11), and CAD/PAD (P-1 line number 29). Items requested in Intative of items to be procured. Items procured during execution may change based coort Air Force mission requirements.	ing qualificatio CAD/PAD) iter ression, emerge M Training am), Signal MK-4 number 29). If ing execution n	n and war reservans, such as gas and mcy release and munition (P-1 li MOD 3 (P-1 liu tems requested in any change base	ve stocks generators, aircrew ne ne ne d on the
		P-1 ITEM NO:			PAGE NO:): 	Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	N FOR /	AGGREGA	TED ITEMS	S (EXHIBIT P	- 40A)		DATE: F	DATE: FEBRUARY 2000	2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT			P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)	ICLATURE (OVERVIEW)				
DOCCIDEMENT TEMS	₽			FY1	FY1999	FY2	FY2000	FY2	FY2001
	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
20MM TP PGU-27A/B (AA24)	٧					930,322	\$8,795	1,460,631	\$14,000
30MM PGU-15/B (B116)	A			772,236	\$5,446	1,608,125	\$16,005	1,597,962	\$16,250
BBU-48/B IMPULSE CARTRIDGE (SY17)	٧			844,296	\$6,383	610,766	\$5,331		
CAD/PAD	٧	-			\$14,162		\$13,271		\$13,243
ITEMS LESS THAN \$5 MILLION CARTRIDGES	∢				\$19,039		\$25,659		\$26,597
Totals:					\$45,030		\$69,061		\$70,090
Remarks: (1) FY01 funding is included in Items Less Than \$5 Million.	Less Tha	an \$5 Million.							
<u>a</u>	P-1 ITEM NO:	: ON		PAGE NO:	ö			Page 1 of 1	of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	TIFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	ELATED EQUIPN	1EN1		CARTRID	CARTRIDGES (20 MM TP PGU-27A/B, AA24)	PGU-27A/B, AA2	24)	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$0	\$8,795	\$14,000	\$45,000	\$14,880	\$10,000	\$10,182

Description:

- depending on the specific requirement of the system and the training program. The cartridge is electrically primed and has no fuze. The 20MM aircraft gun systems by the Air Force and Navy. The Air Force procures the PGU-27 TP round to provide a training capability to complement the PGU-28 high explosive incendiary (HEI) combat round and ensure training is consistent with combat operations. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the 1. The 20 MM target practice (TP) round is used for air-to-air and air-to-ground training in the M61 aircraft cannon on the F-15 and F-16 projectile is a solid slug sized to match the ballistics of the 20MM combat round. The 20MM cartridge is the primary ammunition used in aircraft. The Air Force procures various links, linking methods, and mixtures of target practice and target practice tracer ammunition most critical munitions/equipment needed to support Air Force mission requirements.
- 2. Beginning in FY00, the new PGU-27A/B (DODIC AA24) will be procured, which will replace the PGU-27/B. Since aircraft software has been modified to effectively use the newer ammo (PGU-27), the older M50 series rounds will continue to be consumed until exhausted.
- 3. This item is procured through the Single Manager for Conventional Ammunition.

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PAGE NO: 10
P-1 ITEM NO:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	TIFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:	••			P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	ELATED EQUIPN	1ENT		CARTRID	GES (30 MM TP	CARTRIDGES (30 MM TP PGU-15/B, B116)	(6	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$5,446	\$16,005	\$16,250	\$20,000	\$19,957	\$17,171	\$18,181
Description: 1. The 30MM target practice (TP) cartridge is a solid, inert projectile used to train aircrews in the use of the GAU-8/A cannon on the A-10 aircraft and the PGU-5/A 30MM gun pod on the F-16 aircraft. The cartridge is mechanically primed and has no fuze, while the projectile is a solid slug designed to match the ballistics of high explosive incendiary and armor piercing incendiary cartridges. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements. 2. This item is procured through the Single Manager for Conventional Ammunition.	oractice (TP) car S/A 30MM gun pratch the ballis wing P-5 and are ipment needed to define the S	tridge is a solid, pod on the F-16 stics of high explesentative of support Air Formingle Manager for	olid, inert projectile used to train aircrews in the use of the GAU-8/A cannon on the A-10 s-16 aircraft. The cartridge is mechanically primed and has no fuze, while the projectile is a explosive incendiary and armor piercing incendiary cartridges. Items requested in FY01 are tive of items to be procured. Items procured during execution may change based on the most ir Force mission requirements. ger for Conventional Ammunition.	used to train ain rtridge is mechanand armor pie ocured. Items jurements. Ammunition.	rcrews in the us anically primed rcing incendiar procured during	e of the GAU-8 and has no fuz y cartridges. Ite gexecution may	e, while the projems requested in change based o	ne A-10 lectile is a I FY01 are on the most
		P-1 ITEM NO:	 		PAGE NO:		Page	Page 1 of 1

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P. 5)	VLYSIS	(ЕХНІВІ	T P- 5)						Ω	DATE: F	FEBRUARY 2000	ARY 200	0
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B, B116)	ENCLA: SES (30 M	TURE: IM TP PG	U-15/B, E	3116)				
	717.7					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αту	UNIT	TOTAL	ату	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST	αTY	UNIT	TOTAL COST
HARDWARE							{5,313}			{15,736}			{15,987}
LOAD, ASSEMBLE, PACK	4				772,236	6.68	5,160	1,608,125	9.24	14,860	1,597,962	9.37	15104
CONTAINER CNU-332E					1,391	110.19	153	2,895	96.22	279	2,877	97.61	281
TUBE AND STRAP ASSEMBLY								2,895	206.25	597	2,877	209.23	602
PRODUCTION SUPPORT							(133)			(269)			{263}
QUALITY ASSURANCE							5			5			4
ACCEPTANCE TESTING							20			20			20
INTERIM TRANSPORTATION							2			16			6
INDUSTRIAL STOCK SUPPORT							106			228			230
TOTALS:							5,446			16,005			16,250
REMARKS:													
	P-1 ITEM NO:	Ö			PAG	PAGE NO:					Pa	Page 1 of 1	
	,	_					_						

BUDGET PROCUREMENT HISTORY PLANN	T HIST(JRY PL	ANNING (EXHIBIT P. 5A)	. P- 5A)		DATE: FE	FEBRUARY 2000	3Y 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT) EQUIPN	1ENT		P-1 NOMENCLA CARTRIDGES (30 N	P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B, B116)				
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD, ASSEMBLE, PACK									
FY99	772		7.05 AFMC/OO-ALC	C/FP	ALLIANT TECH SYS, INC	AUG 99	MAY 00		
FY00	1,608	9.95	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 00	MAR 00 MAR 01	>	
FY01	1,598		10.16 AFMC/00-ALC	C/FP	UNKNOWN	MAR 0	MAR 01 MAR 02	>	
REMARKS: Quantity is in thousands of rounds.	<u>o</u>								
	P-1	P-1 ITEM NO: $\frac{5}{5}$	ö	PAGE NO:			Page	e 1 of	-

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	IIFICATION (I	EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPM	ENT		CARTRID	CARTRIDGES (CAD/PAD)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$14,162	\$13,271	\$13,243	\$13,998	\$14,291	\$14,960	\$15,079

Description:

- meet change out requirements to prelude impacting aircraft operational availability and unit mission readiness. Life support devices such as the escape systems. CAD/PAD items include gas generators, initiators, shield mild detonating cord (SMDC), rocket motors, and rocket catapults. These explosive devices have finite shelf lives and must be replaced during scheduled maintenance. Replacement assets must be available to 1. Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD) support aircraft fire suppression, emergency release and aircrew sea water activated release system and parachute release cartridges are essential to aircrew survival after ejection from aircraft.
- 2. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions components needed to support Air Force mission requirements.

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PAGE NO: 16

P-1 ITEM NO: 5

BUDGET ITEM JUSTIFICATION FOR AGGR	N FOR	GGREGA	TED ITEN	EGATED ITEMS (EXHIBIT P- 40A)	P- 40A)		DATE: F	FEBRUARY 2000	2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	IPMENT			P-1 NOME	P-1 NOMENCLATURE: CARTRIDGES (CAD/PAD)				
ODOC TITEMS	Ω			FY	FY1999	EY	FY2000	FY	FY2001
PROCONEMENT	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
B-1 EGRESS COMPONENTS	٨				\$4,947		\$511		\$513
B-2 EGRESS COMPONENTS	4				\$315		\$417		\$419
B-52 EGRESS COMPONENTS	∢				\$435				
C-17 PANEL ASSY/INITIATORS/EGRESS COMPONENTS	A				\$611		\$362		8363
F-15 EGRESS COMPONENTS	٧				\$3,340		\$4,798		\$4,817
F-16 EGRESS COMPONENTS	A				\$1,057		\$499		\$501
COMMON EGRESS COMPONENTS	V V				\$1,055		\$1,317		\$1,322
MISC COMPONENTS LESS THAN \$500K	٨				\$2,402		\$5,367		\$5,308
Totals:					\$14,162		\$13,271		\$13,243
Remarks:		_							
Δ.	P-1 ITEM NO:	Ö		PAGE NO:	Ö			Page 1 of	l of 1
		!							

BUDGET ITEM JUSTIFICATION (EXHIBIT	TIFICATION ((EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:	••			P-1 NON	P-1 NOMENCLATURE:	:		
PAAF/MUNITIONS & RELATED EQUIPMENT	ELATED EQUIPA	JENT		CARTRID	CARTRIDGES (ITEMS LESS THAN \$5 MILLION)	SS THAN \$5 MIL	.LION)	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$19,039	\$25,659	\$26,597	\$39,715	\$34,818	\$35,818	\$35,844
Description:								
The items less than \$5 million category include various cartridges used to support air and ground training qualification and war reserve stocks requirements. All items have an annual procurement value of less than \$5,000,000 and are Code A. Items requested in FY01 are identified on the following P-40A-IL and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	million catego 1s have an annu L and are repres	ry include variou ial procurement v sentative of item ort Air Force mis	is cartridges usevalue of less that is to be procured sion requirement	d to support air n \$5,000,000 a . Items procure	and ground train nd are Code A. ed during execut	ning qualificatic Items requested ion may change	on and war reser in FY01 are ide based on the m	ve stocks entified on ost critical
		P-1 ITEM NO:	ö		PAGE NO:	· ·	Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED IT	EGATED ITEMS (EXHIBIT P- 40A-IL)	\-\L)	0	DATE: FEBRUARY 2000	۲۲ 2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)	FURE: S LESS THAN \$(5 MILLION)		
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
5.56MM BALL (A071)		•		15,916,349	\$4,316
5.56MM BALL CLIPPED (A059)				4,860,357	\$1,037
5.56MM SAW (A062)				3,447,574	\$1,088
5.56MM SAW (A063)				3,764,065	\$1,447
5.56MM SAW (A064)				2,411,530	\$808
5.56MM SAW (A075)				317,885	\$120
5.56MM SAW (A080)				13,237,526	\$1,400
20 MM PGU-30A/B (AA28)				21,416	\$330
MK-4 MOD 3 SIGNAL (F562)				303,500	\$928
.50 CAL BALL LINK (A555)				210,815	\$426
.50 CAL BALL TRACER (A557)				497,493	\$1,033
9MM BALL (A363)				13,087,738	\$1,558
12 GAUGE BUCKSHOT (A011)				158,042	06\$
12 GAUGE DUMMY (AD12)				15,375	\$10
40MM (B519)				349,151	\$1,347
RR-180 CHAFF CARTRIDGE (SY-16)				322,580	\$2,000
BBU-48/B IMPULSE CART (SY-17)				112,613	\$1,000
RR-188 CHAFF CARTRIDGE (LY98)				1,441,320	\$4,281
BBU-35 IMPULSE CARTRIDGE (MG62)				495,000	\$1,000
P-1 ITEM NO:	PAGE NO:	-		Page	Page 1 of 2

BUDGET ITEM JUSTIFICATION FOR AGGREGATED IT	EGATED ITEMS (EXHIBIT P- 40A-1L)	\-\L)	DATE	E: FEBRUARY 2000	RY 2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)	FURE: S LESS THAN \$5 MIL			
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
BBU-36 IMPULSE CARTRIDGE (MG11)				95,040	\$250
BBU-46 IMPULSE CARTRIDGE (MT40)				15,456	\$1,192
ARD CCU-44 IMPULSE CARTRIDGE (MD66)				4060	\$70
BBU-63 IMPULSE CARTRIDGE (SS44)				160	\$41
MK2 MOD 0 IMPULSE CARTRIDGE (M190)				419	\$52
MK23 MOD 0 IMPULSE CARTRIDGE (M161)				144	\$13
CCU-41 IMPULSE CARTRIDGE (MF60)				17,880	\$100
ARD 446-1 IMPULSE CARTRIDGE (M187)				144,800	\$610
XM1006 40MM NL (BA06)		M. S		571	\$12
XM95 5.56 NL (GG06)				633	\$38
TOTALS:					\$26,597
P-1 ITEM NO:	PAGE NO : 20			Page	Page 2 of 2

BUDGET ITEM JUSTIFICATION (EXHIBIT P.	TIFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	ELATED EQUIPN	/ENT		PRACTIC	PRACTICE BOMBS (OVERVIEW)	(VIEW)		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$37,589	\$24,814	\$32,731	\$64,366	\$35,446	\$31,383	\$31,921
:								

Description:

- 1. FY99 funding was appropriated in MK-82 Inert/BDU-50 (P-1 Line number 14), Bomb Practice 25 Pound (P-1 Line number 18) and MK-84 Bomb-Empty (P-1 Line number 20).
- They simulate the drop trajectory of explosives loaded bombs. Changing bomber roles, increased reliance on the Joint Direct Attack Munition (JDAM), utilization of a new B-52 rotary launcher and the need to replenish BDU-50's substituted for training shortages of BDU-56's have all 2. Items in this category consist of non-explosive training shapes used to provide combat air forces with aircrew weapons delivery training. contributed to greater requirements for these training munitions.
- 3. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.

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PAGE NO: 21

P-1 ITEM NO: 12

COST QTY. COST Q	BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A) APPROP CODE/BA: P-1 NOMFNC! AT
QTY. COST QTY.	APPROF CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT
QTV. COST QTV.	QI
\$3.812	соре ату.
\$3,812 335,849 \$4,547 311,608 \$32,480 \$337,589 \$37,589 \$524,814 \$\$ Page 1 of 1	A
\$3,147 \$3,147 \$3,147 \$3,147 \$37,589 \$24,814 \$37,589 \$24,814 \$37,589 \$39,000 \$3,	A
\$37,589 \$24,814 Page 1 of 1	A
\$37,589 \$24,814 Page 1 of 1	
	P-1 ITEM NO:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	N (EXHIBIT P-40	(1)			DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:			P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	IPMENT		PRACTIC	PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)	2 INERT/BDU-5(0 - F013)	
	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY							
COST (in Thousands)	\$23,219	\$17,120	\$27,522	\$47,000	\$22,000	\$18,233	\$18,771
Description:							
1. The MK-82 inert/BDU-50 is a non-explosive training shape, less the explosive filler, used to provide combat air forces with aircrew weapons delivery training. It is filled with a combination of concrete, vermiculite and sand. Items requested in FY01 are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	non-explosive train a combination of co execution may cha	aining shape, less the explosive filler, used to provide combat air forces with aircrew weapo of concrete, vermiculite and sand. Items requested in FY01 are representative of items to be change based on the most critical munitions/equipment needed to support Air Force mission	ne explosive fil. lite and sand. I most critical n	ler, used to prov Items requested nunitions/equipr	ide combat air in FY01 are rep nent needed to	forces with airc resentative of i support Air For	rew weapons tems to be ce mission
2. This item is procured by the Single Manager for Conventional Ammunition.	ngle Manager for C	onventional Am	munition.		<u>-</u>		
	P-1 ITEM N	NO:		PAGE NO:	.: 	Pag	Page 1 of 1

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)	ALYSIS	(ЕХНІВ	IT P- 5)							DATE:	FEBRUARY 2000	4RY 200	00
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	IIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)	ENCLA BOMBS	TURE: (MK-82 IN	JERT/BD	U-50 - F0	13)			
	TING					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αту	UNIT	TOTAL	ату	UNIT	TOTAL COST	αту	UNIT	TOTAL COST	αту	UNIT	TOTAL
HARDWARE	٨				30,974	744.79	{22,423}	22,116	767.32	{16,434}	36,356	753.61	{26,747}
LOAD, ASSEMBLE AND PACK (LAP)					30,974	57.47		22,116	70.34	1,556	36,356	87.82	3,193
BOMB BODY BDU-50A/B					31,904	610.20	19,468	22,780	616.32	14,040	37,447	593.63	22,230
SUSP LUG MS3314					65,046	15.44	1,004	46,444	15.41	716	76,348	14.68	1,121
PALLET INSPECTION, MHU 149/E					5,266	32.40	171	3,760	32.34	122	6,181	32.80	203
PRODUCTION SUPPORT							(646)			{236}			{652}
QUALITY ASSURANCE							4			4			5
INTERIM TRANSPORTATION							172			286			245
INDUSTRIAL STOCK SUPPORT							371			246			402
NAVY ENGINEERING SUPPORT							150			150			123
TOTALS:							23,219			17,120			27,522
REMARKS:													
	P-1 ITEM NO:	Ö			PAG	PAGE NO:					Pac	Page 1 of 1	
		-											

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	HIST	ORY PL	ANNING (EXHIBIT	P- 5A)		DATE: FE	FEBRUARY 2000	۲۲ 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	EQUIPA	JENT		P-1 NOMENCLA PRACTICE BOMBS	P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)	13)			
ITEM / FISCAL YEAR	ату.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
HARDWARE									
FY99	30,974		744.79 AFMC/00-ALC	SS/FP	MCAAP (1)	MAY 99	9 MAR 01		
FY00	22,116		767.32 AFMC/00-ALC	SS/FP	MCAAP (1)	FEB 00	0 JAN 02	>	
FY01	36,356		753.61 AFMC/00-ALC	SS/FP	MCAAP (1)	JAN 01	1 JAN 03	٨	
REMARKS: (1) McAlester Army Ammunition Plant (MCAAP), McAlester, OK (2) Award dates are for Load, Assemble and Pack (LAP) (MCAAP). Contractor method and type for the bomb body is C/FP. Bomb body contractor is unknown due to a new production method called Cast Ductile Iron (CDI).	Plant (M	CAAP), M and Pack I called Ca	IcAlester, OK (LAP) (MCAAP). Cont ast Ductile Iron (CDI).	ractor method and ty	/pe for the bomb body is C/FI	. Bomb bod	y contract	ร	
	7-	P-1 ITEM NO:	ö	PAGE NO:			Page	9 1 of	-

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	TIFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:	••			P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	ELATED EQUIPN	ΛΕΝ ⊣		PRACTICE	PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)	33/25 LB PRACT	ICE BOMB - E96	(6
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$3,812	\$4,547	\$5,209	\$17,366	\$10,946	\$9,400	\$9,400

Description:

- receptacle is located forward of the center of gravity to install a single suspension lug if required. A hole is provided in each side of the body for hanging the bomb in SUU-20 or SUU-21 dispensers. Items requested in FY01 are representative of items to be procured. Items procured during BDU-33 weighs 25 pounds, has a teardrop shaped metal body with a tube cavity lengthwise through the center, a conical after body, and a 1. The BDU-33 practice bomb provides the combat air forces with an inert munition to facilitate aircrew weapons delivery training. The cruciform type fin in the aft end of the bomb body. A firing pin, inertia tube, and striker plate are separate components of the bomb. A execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.
- 2. This item is procured by the Single Manager for Conventional Ammunition.

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PAGE NO: 26

P-1 ITEM NO: 12

WEAPON SYSTEM COST ANALYSIS (EXHIB	YLYSIS (EXHIB	T P- 5)			: :	 		Q	DATE:	-EBRU/	FEBRUARY 2000	000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT			Life 14.	P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)	ENCLA BOMBS	TURE: (BDU-33/	25 LB PR	ACTICE	30MB - E	(696		
	E N					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	QTY	UNIT	TOTAL COST	ату	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST	ατγ	UNIT	TOTAL COST
HARDWARE/BDU-33D/B	٨				271,164	13.76	3,731	335,849	13.33	4,477	311,608	16.46	5,130
PRODUCTION SUPPORT							{81}			{0/2}			{79}
QUALITY ASSURANCE							5			5			5
INDUSTRIAL STOCK SUPPORT							76			65			74
TOTALS:							3,812			4,547			5,209
REMARKS:													
<u>a</u>	P-1 ITEM NO:	0 0			PAG	PAGE NO:					P.	Page 1 of 1	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	T HIST(ORY PL	ANNING (EXHIBIT	r P- 5A)		DATE:	FEB	FEBRUARY 2000	Y 200(0
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT) EQUIPN	1ENT		P-1 NOMENCLA PRACTICE BOMBS	P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)	BOMB - E	(696;			
ITEM / FISCAL YEAR	ату.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	A)	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
HARDWARE/BDU-33D/B										
FY99	271164		14.06 AFMC/OO-ALC	C/FP	DELFASCO; GREENVILLE, TENN		66 NNr	OCT 99		
FY00	335849	13.54	AFMC/00-ALC	OPT/FP	DELFASCO; GREENVILLE, TENN		MAR 00	00 NOC	>	
FY01	311608		16.72 AFMC/00-ALC	C/FP	UNKNOWN	MA	MAR 01	MAY 02	¥	
REMARKS:										
	P-1	P-1 ITEM NO: 12	Ö	PAGE NO:				Page	1 of	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	IFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NOM	P-1 NOMENCLATURE:	••		
PAAF/MUNITIONS & RELATED EQUIPMENT	ATED EQUIPN	IENT		GENERAL	GENERAL PURPOSE BOMBS (OVERVIEW)	1BS (OVERVIEM	(/	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$43,094	\$117,667	\$30,745	\$90,190	\$42,432	\$33,415	\$25,166

Description:

- 1. Funds for General Purpose Bombs in FY00 were added through the FY99 Emergency Supplemental Appropriations and transferrred to the Air Force from the Overseas Contingency Operations Transfer Fund.
- 2. FY99 funding was appropriated for GBU-28 Hard Target Penetrator (P-1 line number 15), GBU-15 (P-1 line number 17) and 2000 LB High Explosive Bomb MK-84 (P-1 line number 19).
- 3. The General Purpose (GP) Bombs category includes all high explosive air delivered bombs and associated fuzes, fins, and guidance kits. The warfighter delivers these munitions via fighter or bomber aircraft in support of both training and wartime contingency taskings. GP Bombs can identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the be used as either unguided weapons or as guided munitions after the installation of a guidance and control kit. Items requested in FY01 are most critical munitions/equipment needed to support Air Force mission requirements.
- 4. The FY00 cost includes the Joint Programmable Fuze (JPF). JPF is an independent P-1 line item beginning in FY01 (P-1 line number 35).

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PAGE NO: 29	
P-1 ITEM NO:	

BUDGET ITEM JUSTIFICATION FOR AGGR	N FOR	AGGREGA	TED ITEM	EGATED ITEMS (EXHIBIT P- 40A)	- 40A)		DATE: F	FEBRUARY 2000	2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT			P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)	ICLATURE POSE BOMBS	(OVERVIEW	(6		
ODO COLOR DE LA CO	0			FY1	FY1999	FY	FY2000	FY2	FY2001
PROCUREMENT ITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MK-83 1000 LB GP BOMB (E509)	A							2,675	\$8,096
MK-84 2000 LB GP BOMB (F275)	A			2,366	\$7,253	1,378	\$4,614	1,654	\$6,039
BLU-109 2000 LB HARD TARGET GP BOMB (F140)	A							654	\$8,100
EGBU-28 (OY01)	A			173	\$23,756				
EGBU-15	Ą			100	\$7,000	1,500	\$53,499		
JOINT PROGRAMMABLE FUZE	٧					628	\$1,997		
BSU-33 TAIL FIN, MK-82 (F782)	4					46,042	\$3,861	59,029	\$5,200
DSU-33 PROXIMITY SENSOR (BY30)	4					4,153	\$5,398		
GBU-12 PAVEWAY II KITS	А					2,245	\$38,614		
ITEMS LESS THAN \$5 MILLION GP BOMBS					\$5,085		\$9,684		\$3,310
Totals:					\$43,094		\$117,667		\$30,745
Remarks:								-	
<u>a</u>	P-1 ITEM NO: 13	NO:		PAGE NO: 30	O:	:		Page 1	of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	ON (EXHIBIT P-40	(DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:			P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	UIPMENT		GENERAL	. PURPOSE BON	MBS (MK-83 100	GENERAL PURPOSE BOMBS (MK-83 1000 LB GP BOMB)	
	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY							
COST (in Thousands)	\$0	\$0	\$8,096	\$16,179	\$18,893	\$12,915	\$10,000
 The MK-83 is a 1,000-pound class General Purpose Bomb. It has a relatively thin bomb case that is streamlined to reduce aerodynamic drag. The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a guidance kit, it can be employed as a precision guided bomb. The MK-83 can be fuzed with proximity, instrantaneous, or delay fuzes to provide a wide variety of military effects. Air Force procurement of MK-83 warheads beginning in FY01 will be in support of the Joint Direct Attack Munition (JDAM) program. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements. This item is procured through the Single Manager for Conventional Ammunition. 	class General Purpos gmentation effects a as a precision guided Air Force procurem is requested in FY01 hange based on the nthe Single Manager.	se Bomb. It has a and can be used a loomb. The MK nent of MK-83 w are identified or nost critical mun for Conventional	a relatively thin s either an unga c-83 can be fuza arheads beginn a the following itions/equipmed I Ammunition.	bomb case that iided high or lo ed with proximi ing in FY01 wi P-5 and are rep at needed to sug	is streamlined w drag weapon ity, instantaneou II be in support resentative of it port Air Force	to reduce aerody. When used was, or delay fuze of the Joint Director terms to be procumission require	ynamic drag. ith a s to provide ect Attack ured. Items ments.
	P-1 ITEM NO 13	NO:		PAGE NO:		Page	Page 1 of 1

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)	IALYSIS	(ЕХНІВ	IT P- 5)							DATE:	FEBRUARY 2000	4RY 200	00
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	UIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-83 1000 LB GP BOMB)	IENCLA PURPOS	TURE: SE BOMBS	S (MK-83	1000 LB	GP BOME	3)		
	FINENIT	-				FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	QΤΥ	UNIT	TOTAL COST	QTY	UNIT	TOTAL	QTY	UNIT	TOTAL COST	ατΥ	UNIT	TOTAL
HARDWARE													{7,753}
LOAD ASSEMBLE & PACK	A										2,675	1,254.80	3,357
BOMB BODY MK-83 (E509)											2,756	1,459.21	4,022
CABLE ASSEMBLY (1)											2,756	51.19	141
SUSPENSION LUG MS3314											5,618	14.72	83
PALLET MK11-0 (1)											910	114.81	104
PALLET INSPECTION											910	50.45	46
PRODUCTION SUPPORT													{247}
QUALITY ASSURANCE													10
INTERIM TRANSPORTATION													77
INDUSTRIAL STOCK SUPPORT													160
NAVY ENGINEERING SUPPORT													96
TOTALS:													8,096
REMARKS: (1) Hardware cost includes credit for Government Furnished Material.	Governmer	nt Furnish	ned Materi	<u>iai</u>									
	P-1 ITEM NO:	Ö			PAG	PAGE NO: 32					Pa	Page 1 of 1	

BUDGET PROCUREMENT HISTORY PLANN	T HIST	ORY PL	ANNING (EXHIBIT P- 5A)	r P- 5A)		DATE: FE	FEBRUARY 2000	3Y 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	EQUIPA	AENT		P-1 NOMENCL/ GENERAL PURPO:	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-83 1000 LB GP BOMB)	3P BOMB)			
ITEM / FISCAL YEAR	ату.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD ASSEMBLE & PACK									
FY01	2,675		2,990.65 AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JAN 01	1 SEP 02	>-	
REMARKS:									
	P-1	P-1 ITEM NO:	ö	PAGE NO:			Page	e 1 of	~

BUDGET ITEM JUSTIFICATION (EXHIBIT P-	TIFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPA	AENT		GENERAL	GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)	IBS (MK-84 2000	0 LB GP BOMB)	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$7,253	\$4,614	\$6,039	\$18,111	\$10,500	\$10,500	\$7,000
Description:								
1. FY00 funding for the MK-84 was obtained through the FY99 Emergency Supplemental Appropriations and transferrred to the Air Force from the Overseas Contingency Operations Transfer Fund.	ne MK-84 was ncy Operations	obtained through Transfer Fund.	the FY99 Emer	rgency Supplen	nental Appropria	tions and transl	ferrred to the Ai	r Force from
The MK-84 is a 2 000-pound class General Purpose Bomb. It has a relatively thin bomb case that is streamlined to reduce aerodynamic drag	00-pound class	General Purnose	Bomb. It has	a relatively thin	homb case that	is streamlined t	to reduce aerody	namic drao

- arag. guidance kit, it can be employed as a Precision Guided Bomb. The warhead is used on the Paveway II, Paveway II, GBU-15 and Joint Direct Attack Munition (JDAM) weapon systems. The MK-84 can also be fuzed with proximity, instantaneous, or delay fuze to provide a variety of military effects. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements. 2. THE MIN-04 IS a 2,000-pound class Ceneral Fulpose Double.
- 3. This item is procured through the Single Manager for Conventional Ammunition.

Page 1 of 1
Å
PAGE NO:
P-1 ITEM NO:

WEAPON SYSTEM COST ANALYSIS (EXHII	ALYSIS (EXHIB	BIT P- 5)						٥	DATE: F	FEBRUARY 2000	ARY 200	0
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)	ENCLA PURPOS	TURE: SE BOMBS	3 (MK-84	2000 LB	GP BOME	<u> </u>		
	1					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αTY	UNIT	TOTAL	ату	UNIT	TOTAL COST	αту	UNIT	TOTAL COST	αTY	UNIT	TOTAL COST
HARDWARE							{6,933}			{4,279}			{5,552}
LOAD ASSEMBLE & PACK	A				2,366	781.81	1,850	1,378	954.78	1,316	1,654	1,104.99	1,828
BOMB BODY MK-84					2,437	2,003.78	4,883	1,419	2,001.81	2,841	1,704	2,082.19	3,548
LUG SUSPENSION MK3 (1)					4,969	26.32	131	2,838	28.68	81	3,474	36.71	128
PALLET INSPECTION					1,216	57.11	69	720	57.00	41	836	57.83	48
ALUMINUM POWDER (1)										ļ			139
PRODUCTION SUPPORT							{238}			(185)			{198}
QUALITY ASSURANCE							0			3			5
INTERIM TRANSPORTATION							100			91			67
INDUSTRIAL STOCK SUPPORT							138			91			126
NAVY ENGINEERING SUPPORT							82			150			150
TOTALS:		ļ					7,253			4,614			6,039
REMARKS: (1) Hardware cost includes credit for Government Furnished Material.	sovernmer	nt Furnis	hed Mater	iai.									
							_				F		
	P-1 ITEM NO: 13	 Ö			PAG	PAGE NO: 35					Pa	Page 1 of 1	

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P. 5A)	T HIST	JRY PL	ANNING (EXHIBIT	r P- 5A)		DATE: FI	FEBRUARY 2000	3Y 200(
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT) EQUIPN	1ENT		P-1 NOMENCL	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)	P BOMB)			
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD ASSEMBLE & PACK									
FY99	2,366	3,030.85	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	99 NUL	19 JUL 01		
FY00	1,378	3,239.48	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	FEB 00	00 SEP 02	>	
FY01	1,654		3,560.46 AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JAN 01	11 SEP 02	>	Ì
REMARKS:									
	P-1	P-1 ITEM NO:	ö	PAGE NO:			Page	e 1 of	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	IFICATION (EXHIBIT P-40	(DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPA	AENT		GENERAL	PURPOSE BON	ABS (BLU-109 20	000 LB HARD TA	GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		0\$	\$0	\$8,100	\$16,279	\$10,000	\$9,000	\$7,416
Description:								
1. The BLU-109/B warhead is a 2000 pound Hard Target Penetrator bomb filled with 553 pounds of tritonal. The warhead is used on the Paveway II, Paveway III, GBU-15 and Joint Direct Attack Munition (JDAM) weapon systems. The BLU-109/B is designed for employment against hardened and deeply buried targets. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	rhead is a 2000 II, GBU-15 and eeply buried ta) pound Hard Ta d Joint Direct At urgets. Items req cution may chan	arget Penetrator ttack Munition (quested in FY01 ge based on the	bomb filled wit (JDAM) weapor are identified o most critical m	h 553 pounds of a systems. The I n the following I unitions/equipm	tritonal. The w 3LU-109/B is d P-5 and are reprent needed to st	varhead is used of esigned for empresentative of ite apport Air Force	on the ployment ems to be e mission
2. This item is procured through the Single Manager for Conventional Ammunition.	ed through the	Single Manager	r for Convention	aal Ammunition				
		P-1 ITEM N	NO:		PAGE NO:	.: 	Page	Page 1 of 1
			UNCL	UNCLASSIFIED	۵			

WEAPON SYSTEM COST ANALYSIS (EXHIB	LYSIS (EXHIBI	IT P- 5)							DATE:	-EBRU/	FEBRUARY 2000	0
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)	ENCLA PURPOS	TURE:	3 (BLU-10	39 2000 L	.B HARD 1	rarget (GP BOME	3)
	1111					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αту	UNIT	TOTAL	ату	UNIT	TOTAL COST	αту	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST
HARDWARE													{7,836}
LOAD ASSEMBLE & PACK	∢										654	2,027.25	1,326
BLU-109 EMPTY BOMB CASES											664	9,440.27	6,268
CNU 417 CONTAINER											331	730.48	242
ALUMINUM POWDER (LB)											71,940	1	72
PRODUCTION SUPPORT													{192}
QUALITY ASSURANCE													0
INTERIM TRANSPORTATION													70
INDUSTRIAL STOCK SUPPORT													122
TOTALS:													8,100
REMARKS:													
							_						
a.	P-1 ITEM NO:	 Ö			PA(PAGE NO: 38					Pa	Page 1 of ′	- -

BUDGET PROCUREMENT HISTORY PLANN	' HIST	ORY PL	ANNING (EXHIBIT P- 5A)	r P- 5A)		DATE: FI	FEBRUARY 2000	200C	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	EQUIPA	AENT		P-1 NOMENCLA GENERAL PURPOS	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)	HARD TAF	GET GP	BOMB)	
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD ASSEMBLE & PACK									
FY01	654		12,385 AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JAN 01	1 SEP 02	\	
REMARKS:									
	P-1	P-1 ITEM NO: 13	Ö	PAGE NO:			Page	9 1 of	1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	FICATION (EXHIBIT P-40)	(DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	ăi.		
PAAF/MUNITIONS & RELATED EQUIPMENT	ATED EQUIPN	AENT		GENERAL	GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)	MBS (BSU-33 TA	AIL FIN, MK-82)	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		0\$	\$3,861	\$5,200	\$1,500	\$1,250	\$1,000	\$750
Description:								
1. Funding for the BSU-33 Tail Fin Assembly in FY00 was added through to the Air Force from the Overseas Contingency Operations Transfer Fund	-33 Tail Fin A e Overseas Cc	Assembly in FY0 ontingency Oper	FY00 was added through the FY99 Emergency Supplemental Appropriations and transferrred perations Transfer Fund.	ough the FY99 ound.	Emergency Sup	oplemental App	ropriations and	transferrred
2. The BSU-33 Tail Fin Assembly consists of an elongated cone and four streamlined blades. The fin stabilizes the bomb during release and free flight from aircraft to target. The BSU-33 is attached to the bomb warhead (MK-82 500lb General Purpose) with a metal band that is tightened with a clamp. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	Assembly co target. The Items request	nsists of an elon BSU-33 is attac ted in FY01 are in	igated cone and it shed to the bomb identified on the nost critical mun	four streamline warhead (MK following P-5 itions/equipme	d blades. The fi -82 500lb Gener and are represer nt needed to sup	in stabilizes the ral Purpose) wi ntative of items pport Air Force	bomb during re th a metal band to be procured. mission require	lease and that is Items ments.
3. This item is procured through the Single Manager for Conventional Ammunition.	through the S	Single Manager 1	for Conventiona	l Ammunition.				
		P-1 ITEM NO:	Ö		PAGE NO:): 	Page	1 of 1
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT	ALYSIS	(ЕХНІВ	IT P- 5)							DATE: F	-EBRU/	FEBRUARY 2000	00
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	IIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)	IENCLA PURPOS	TURE: SE BOMBS	s (BSU-3;	3 TAIL FII	Z, MK-82)			
	FINE					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	QΤΥ	UNIT	TOTAL	αту	UNIT	TOTAL	αту	UNIT	TOTAL	αту	UNIT	TOTAL
HARDWARE										{3,861}			{5,054}
LOAD, ASSEMBLE & PACK	A							46,042	81.20	3,739	59,029	82.59	4,875
PALLET MK3-0								1,534	79.50	122	2,006	89.42	179
PRODUCTION SUPPORT										{85}			{82}
QUALITY ASSURANCE													5
INTERIM TRANSPORTATION										2			2
INDUSTRIAL STOCK SUPPORT										56			75
NONRECURRING										{-122}			
GOVERNMENT FURNISHED MATERIAL										-122			
NAVY ENGINEERING SUPPORT										64			64
TOTALS:										3,861			5,200
REMARKS:													
	P-1 ITEM NO:	O			PAG	PAGE NO:					Pa	Page 1 of 1	

BIDGET BROCIBEMENT HISTORY PI ANN	T HIST(id yac	ANNING (EXHIBIT P. 5A)	. P. 54)	Ad	DATE: FE	FEBRUARY 2000	Y 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	EQUIPN	AENT		P-1 NOMENCLA GENERAL PURPOS	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)	l l			
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD, ASSEMBLE & PACK									
FY00	46,042		82.47 AFMC/00-ALC	C/FP	UNKNOWN	MAR 00	MAR 01	>	
FY01	59,029		87.01 AFMC/00-ALC	C/FP	UNKNOWN	MAR 01	MAR 01 MAR 02	>	
REMARKS:									
	P-1	P-1 ITEM NO:	ö	PAGE NO:			Page	1 of	-

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	IFICATION (EXHIBIT P-40	(DATE:	FEBRUARY 2000	5000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	ái		
PAAF/MUNITIONS & RELATED EQUIPMENT	ATED EQUIPN	IENT		GENERAI	. PURPOSE BOI	MBS (ITEMS LE	GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)	LION)
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$5,085	\$9,684	\$3,310	\$10,000	\$1,789	\$0	0\$
Description:								
1. All items have an annual procurement value of less than \$5,000,000 and are code A. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	nual procurem ative of items eded to suppo	ent value of less to be procured. rt Air Force mis	less than \$5,000,000 a red. Items procured du mission requirements.	0 and are code during executionts.	A. Items reque	sted in FY01 ar based on the mo	e identified on tl ost critical	he following
2. Funding for Items Less Than \$5,000,000 GP Bombs in FY00 was added through the FY99 Emergency Supplemental Appropriations and transferrred to the Air Force from the Overseas Contingency Operations Transfer Fund.	ss Than \$5,00 orce from the	0,000 GP Bomb Overseas Contir	os in FY00 was a	ıdded through t ns Transfer Fur	he FY99 Emerg ıd.	gency Suppleme	ental Appropriati	ions and
		P-1 ITEM NO:	Ö		PAGE NO:	ä	Page	1 of 1
			1					

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P. 40A-IL)	TEMS (EXHIBIT P. 40)	\-(L)	DAT	DATE: FEBRUARY 2000	3Y 2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)	rure: Bombs (items	LESS THAN \$5	MILLION)	
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
MXU-650 PAVEWAY FIN ASSEMBLY (F763)				371	\$2,000
BLU-109(D-1)/B INERT (F034)		***************************************		34	\$495
FMU-143B (D-2)/B FUZE INERT (EA32)				32	\$35
FZU-39 (D-2)/B PROXIMITY SENSOR INERT (CY13)				176	\$250
CBU-87(D-2)/B BOMB DISPENSER INERT (E851)				42	\$500
UNIVERSAL FIN WING ACTUATOR TOOL				15	\$30
TOTALS:					\$3,310
P-1 ITEM NO:	PAGE NO:			Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	(EXHIBIT P-40	(DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:	Ē		P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	MENT		CAWCFC	CAWCF CLOSURE COSTS			
	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY							
COST (in Thousands)	0\$	0\$	\$1,400	\$6,300	\$0	\$0	\$0
Description: 1. The Conventional Ammunition Working Capital Fund (CAWCF) was established in FY82 to meet the operational needs of the Services to procure munitions. The CAWCF provided a single organization through which orders from the Services could be consolidated. This	orking Capital F	Fund (CAWCF)	was established Igh which order	in FY82 to meet	the operations	al needs of the Sonsolidated. Thi	ervices to
arrangement provided economies of scale, lower	scale, lower price	es, and efficienci	ies for manager	prices, and efficiencies for management of ammunition procurement.	on procuremer	it.	
2. In recent years, the level of orders declined significantly. At the same time, the CAWCF financial system needed upgrading to more accurately track consolidated orders. The new proposed system would be costly and was ultimately determined unnecessary to meet the requirements of managing ammunition procurement. In Nov 96, the Department of Defense decided to close the CAWCF at the end of FY98. Under new operating guidelines, the Services continue to procure applicable assets through the Army's Single Manager for Conventional Ammunition (Industrial Operations Command). The Services jointly developed a plan for closing the CAWCF and transitioning to the new financing structure. All existing orders accepted by the CAWCF prior to 1 Oct 98, will continue to be processed through the CAWCF until completed. Additional resources are required from all Services to close out the CAWCF and to cover the projected losses. Each Service's share of these losses is based upon historical order volume. The Air Force share is \$7.7 million (FY01 and FY02).	declined signification of the new proposon procurement. Services continuctory of the srs accepted by the required from all order volume.	cantly. At the sa sed system would In Nov 96, the I to procure app Services jointly he CAWCF prior Il Services to clo The Air Force s	ume time, the C d be costly and Department of I dicable assets the developed a plant to 1 Oct 98, we see out the CAW share is \$7.7 mi	gnificantly. At the same time, the CAWCF financial system needed upgrading to more roposed system would be costly and was ultimately determined unnecessary to meet the tent. In Nov 96, the Department of Defense decided to close the CAWCF at the end of FY9 thin to procure applicable assets through the Army's Single Manager for Conventional The Services jointly developed a plan for closing the CAWCF and transitioning to the new by the CAWCF prior to 1 Oct 98, will continue to be processed through the CAWCF until om all Services to close out the CAWCF and to cover the projected losses. Each Service's sume. The Air Force share is \$7.7 million (FY01 and FY02).	system needed termined unne o close the CA s Single Mana CAWCF and processed thr the projected I FY02).	upgrading to mecessary to meet tWCF at the end ger for Convent transitioning to ough the CAWC losses. Each Series	ore the I of FY98. ional the new YF until rvice's share
	P-1 ITEM NO:	ö		PAGE NO:		Page	Page 1 of 1

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (FXHIBIT P. 40A)	N FOR	AGGREGA	TED ITEMS	S (EXHIRIT I	P. 40A)		DATE.	DATE: CEBBIABY 2000	0000
APPROP CONE/BA					(10)		מאוני	EDNOARI	2000
PAAF/MUNITIONS & RELATED EQUIPMENT	IPMENT			P-1 NOMENCLATURE: CAWCF CLOSURE COSTS	NCLATURE URE COSTS	.::			
PROCUREMENT ITEMS	QI			FY	FY1999	FY	FY2000	FY	FY2001
	CODE	QTY.	COST	QTY.	COST	QTY.	COST	OTY.	COST
CAWCF CLOSEOUT (1)									\$1.400
Totals:									\$1400
Remarks:									
1. Conventional Ammunition Working Capital Fund (CAWCF)	g Capital F	und (CAWCF	(-						
ď	P-1 ITEM NO:	Ö		PAGE NO:	ö			Page 1 of 1	of 1
				•	_				

BUDGET ITEM JUSTIFICATION (EXHIBIT P-	ICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	••		
PAAF/MUNITIONS & RELATED EQUIPMENT	TED EQUIPM	ENT		SENSOR	SENSOR FUZED WEAPON	_		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY		386	214	300	300	300	300	300
COST (in Thousands)		\$117,955	\$85,385	\$107,201	\$103,874	\$98,965	\$97,402	\$98,189

Description:

- release in a horizontal trajectory and target activate through a small infrared sensor contained in the warhead, firing a self-forging projectile into Tactical Munitions Dispenser (TMD) containing ten BLU-108 submunitions. Each submunition contains four warheads, a parachute assembly, 1. The Sensor Fuzed Weapon (SFW) is a cluster munition designed for use against land combat vehicles. The SFW (CBU-97) consists of a parachute retarded and oriented nose downward. After the parachute ejects, the rocket motor fires to launch the warheads. The warheads altimeter, and rocket motor. The TMD opens after release from the delivery aircraft dispensing the submunitions. The submunitions are the target. This munition provides multiple kills per pass capability.
- 2. The RDT&E effort is funded in program element 27320F and scheduled to complete in FY 2000.
- 3. The Defense Acquisition Board approved low rate initial production in March 1992 and directed four years of low rate production. Full Rate awarded 17 June 1996; FRP 2 was awarded in February 1997; FRP 3 was awarded in February 1998; FRP 4 was awarded in February 1999; and Production (FRP) was approved at milestone III via an acquisition decision memorandum dated 14 June 1996. The first FRP contract was FRP 5 is scheduled for award in Feb 2000.
- 4. The approved revised acquisition strategy procures baseline SFW units through FY 2000 and SFW pre-planned product improvement (P3I) units from FY01 to completion.

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PAGE NO:
$\begin{array}{c} \textbf{P-1 ITEM NO:} \\ 22 \end{array}$

BUDGET ITEM JUSTIFICATION (EXHIBIT	EXHIBIT P-40)		DATE: FEBRUARY 2000	i
APPROP CODE/BA:		P-1 NOMENCLATURE:		
PAAF/MUNITIONS & RELATED EQUIPMENT	AENT	SENSOR FUZED WEAPON		
Description (cont.):				
5. Three hundred units were bought in FY99, with the other 86 to be combined with the FY00 buy to contribute to the contractor's minimum sustainment rate of 300. Funding (\$18.0 million) for the minimum sustainment rate for Sensor Fuzed Weapon was added by Congress in the FY00 markup of the FY00 Air Force budget. Reference Appropriation Conference Committee Report 106-371, October 8, 1999, page 196.	n FY99, with the other 86 to be com 8.0 million) for the minimum sustain budget. Reference Appropriation C	obined with the FY00 buy to connument rate for Sensor Fuzed Wonference Committee Report 10	ntribute to the contractor's minimum eapon was added by Congress in the 06-371, October 8, 1999, page 196.	
	P-1 ITEM NO:	PAGE NO:	Page 2 of 2	
	UNCLASSIFIED	SSIFIED		

WEAPON SYSTEM COST ANALYSIS (EXHI	LYSIS	(EXHIBI	BIT P- 5)							DATE: F	FEBRUARY 2000	ARY 200	00
APPROP CODE/BA:	MENT			L 0	-1 NON ENSOR	P-1 NOMENCLATURE: SENSOR FUZED WEAPON	TURE: EAPON						
	TIVEC					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	QTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST	αту	UNIT	TOTAL	αту	UNIT	TOTAL COST
1ARDWARE							{107,354}			{76,559}			{98,432}
38U-97/B	А				386	267,948	103,428	214	349,813	74,860	300	306,460	91,938
ENGINEERING CHANGE ORDERS							3,807			1,699			4,013
SOVERNMENT FURNISHED EQUIPMENT							119						2,481
NONRECURRING/ANCILLARY EQUIPMENT							{6,895}			{629'5}			{5,664}
COOLING AND TEST EQUIPMENT	·						6,895			5,629			5,664
PRODUCTION AND SUPPORT COST							{3,706}			{3,197}			(3,105)
TEST SUPPORT (LOT ACCEPTANCE TEST/QUAL)							1,032			773			785
PROGRAM MANAGEMENT ADMINISTRATION							2,646			2,392			2,285
ОАТА							28			32			35
TOTALS:							117,955			85,385			107,201
REMARKS: NOTE: To contribute to the contractor's minimum sustainment rate, 300 units were procured in FY99 and the remaining 86 units will be included in the FY00 buy for a total of 300 units. Increase in unit cost in FY00 is a result of quantity dropping below the minimun sustainment rate.	s minimu ase in ur	m sustain nit cost in	ment rate FY00 is a	s, 300 unii result of	ts were pr quantity d	ocured in Iropping b	FY99 and elow the n	the rema	iining 86 uustainmei	units will b	e included	d in the	

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PAGE NO:

P-1 ITEM NO:

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		DATE REV. AVAIL						←
Y 2000		SPECS AVAIL NOW			>	>		1 of
FEBRUARY 2000		DATE S FIRST / DEL.		00 NUC	ост 01	30 NO		Page
		AWD. DATE		FEB 99	FEB 00	FEB 01		
DATE:				I, MA	7, MA	Y, MA		
	TURE: EAPON	CONTRACTOR AND LOCATION		TEXTRON SYS/WILMINGTON, MA	TEXTRON SYS/WILMINGTON, MA	TEXTRON SYS/WILMINGTON, MA	nitoring.	
. P- 5A)	P-1 NOMENCLATURE: SENSOR FUZED WEAPON	CONTRACT METHOD & TYPE		SS/FPIF (1)	SS/FPIF (1)	SS/FPIF (1)	aggressive cost mo	PAGE NO:
LANNING (EXHIBIT P- 5/		LOCATION OF PCO		305,583 AFMC/AAC	AFMC/AAC	357,337 AFMC/AAC	ourage lower cost and):
RY PL/	ENT	UNIT		305,583	398,995	357,337	th will end	P-1 ITEM NO:
. HISTC	EQUIPM	QTY.		386	214	300	PIF whic	P-1
BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	ITEM / FISCAL YEAR	CBU-97/B	FY99	FY00	FY01	REMARKS: (1) The LRIP/FRP contracts are FPIF which will encourage lower cost and aggressive cost monitoring.	

DATE: FEBRUARY 2000			3 FY2004 FY2005	8620 8800 8,718	\$191,092 \$19		Page 1 of 1
/a	ij	MUNITION	FY2003		\$18		ö
	P-1 NOMENCLATURE:	JOINT DIRECT ATTACK MUNITION	FY2002	8494	\$186,194		PAGE NO:
	P-1 NON	JOINT DIR	FY2001	8606	\$219,848		
			FY2000	8158	\$189,700	Document	
EXHIBIT P-40)		ENT	FY1999	3,778	\$79,548	sion MS-Word	P-1 ITEM NO:
rification (E		LATED EQUIPMI				panded P40 Ver	
BUDGET ITEM JUSTIFICATION (EXHIBIT	APPROP CODE/BA:	PAAF/MUNITIONS & RELATED EQUIPMENT		QUANTITY	COST (in Thousands)	Description: Place Holder - Use Expanded P40 Version MS-Word Document	

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WEAPON SYSTEM COST ANALYSIS (EXHIBI	LYSIS	(EXHIB	IT P- 5)						D	DATE: F	FEBRUARY 2000	4RY 200	0
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	MENT				P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION	ENCLA: ECT ATT/	TURE: ACK MUN	ITION					
	1111					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	ΩTY	UNIT	TOTAL COST	ату	UNIT	TOTAL COST	αту	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST
FLYAWAY COST													
JDAM HARDWARE-RECURRING							{73,258}			(175,245)			{203,014}
AIRFRAME (1 & 2)	A				3,778	19,202	72,545	8,158	20,756	169,327	9,098	21,490	195,516
ENGINEERING CHANGE ORDERS								8,158	544	4,438	860'6	618	5,623
NONRECURRING													
CONTRACTOR INCENTIVE							713			1480			1,875
SUPPORT COST							{6,290}			{14,455}			(16,834)
TEST EQUIPMENT							877			988			1920
AIRBORNE TEST EQUIPMENT										3,976			4130
DATA							7			8			10
PROGRAM MANAGEMENT/ ADMIN	·						1625			2,348			2850
SYSTEMS TEST & EVAL										3,496			4119
TRAINING							260			131			
PRODUCTION TECHNICAL SUPPORT							92			3,560			3755
ALTERNATE DISPUTE RESOLUTION							42			50			50
DELIVERY ACCELERATION							3414						
TOTALS:							79,548			189,700			219,848
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d	P-1 ITEM NO:	Ö			PAC	PAGE NO: 52					<u>Д</u>	Page 1 of 2	2
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WEAPON SYSTEM COST ANALYSIS (EXHIB	YSIS ((ЕХНІВ	IT P- 5)						J	DATE:	FEBRU	FEBRUARY 2000	00
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	MENT			<u> </u>	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION	MENCLA RECT ATT	TURE: ACK MUN	IITION					
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BUDGET PROCUREMENT HISTORY PLANN	T HIST	ORY PL	ANNING (EXHIBIT P- 5A)	r P- 5A)		DATE: FE	FEBRUARY 2000	۲۲ 2000	
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ITEM / FISCAL YEAR	ату.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
AIRFRAME (182)									
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FY99 (3)	688	19676	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	NOV 99	FEB 01		
FY00	8158	20756	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	JAN 00	JUN 01		
FY01	8606	21490	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	JAN 01	JUN 02		
REMARKS: (1) Original FY99 Planned Procurement (2) Funding provided by Congress in FY99 Appropriation Conference Report 106-143, Emerg. (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) (3) Combined Funding F	rement is in FY99 in ent (Inclind) waived in w	udes Emedue to JD,	iation Conference Reprergency Supplemental AM'S status as an Acq	Conference Report 106-143, Emergency Supprey Suppression as an Acquisition Reform pilot program.	Conference Report 106-143, Emergency Supplemental Appropriations Bill cy Supplemental and FY99 Funding) status as an Acquisition Reform pilot program.	Bill Bill			
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PRESIDENT'S BUDGET PRODUCTION SCH	JGET	PRODI	ICTION		2	ш	X	FDUI F (FXHIRIT P. 24)	<u> </u>	.21	_								Ľ	DATE.	ļi	ij	IA IA	IAR	FERRIJARY 2000	100		
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REMARKS:		i i	:		:		,		!																			

(1) 173 units were procured with FY98 funding and will be delivered in Feb 01. NOTE: The above Production Schedule reflects AF deliveries only and does not include additional production quantities programmed for the US Navy.

Page 1 of 1	
PAGE NO: 55	
P-1 ITEM NO: 23	

PRESIDENT'S BUDGET PRODUCTION SC	GET	PRODI	JCTION	SCHE	2	Ē	EXI	HEDULE (EXHIBIT P- 21)		- 2	1)								_	M	ш	田	띪	JAR	DATE: FEBRUARY 2000	읽		1
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NOTE: The above Production Schedule reflects AF deliveries only and does not include additional production quantities programmed for the US Navy.	ction 5	Schedule	s reflects ⊁	₹ delive	ries	only	and	doe	s no	tinc	ude	addi	tions	al pro	onpo	tion	anau	tities	s pro	grar	nme	d for	the	S	lavy.			

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PRESIDENT'S BUDGET PRODUCTION SC	GET	PROD	UCTION		2	<u> </u>	X	HEDULE (EXHIBIT P- 21)	H P	- 21									Ľ	DATE: FEBRUARY 2000	 ::i	EBI	3	\RY	200	8	
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(1) 173 units were procured with FY98 funding and will be delivered in Feb 01. NOTE: The above Production Schedule reflects AF deliveries only and does not include additional production quantities programmed for the US Navy.

P-1 ITEM NO: PAGE NO: Page 1 of 57
23 NO:

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	rification (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	•••		
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPN	IENT		WIND COF	WIND CORRECTED MUNITIONS DISPENSER	TIONS DISPENS	SER	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY		9/9	2,990	6,308	6,838	7,830	7,785	6,849
COST (in Thousands)		\$14,943	\$48,624	\$104,046	\$111,264	\$80,785	\$80,508	\$72,421

Description:

- 1. The Wind Corrected Munitions Dispenser (WCMD) guidance kit will provide inertial navigation to correct for launch transients and ballistic effectiveness of both bombers and fighters and significantly contribute to Air Force war fighting capabilities in two nearly simultaneous Major LRIP option was exercised in August 1998. The second LRIP option was exercised in July 1999. An LRIP III buy is planned for March 2000. includes options for two Low Rate Initial Production (LRIP) and a production price commitment agreement for full rate production. The first Theater Wars (MTW). The pilot production Engineering and Manufacturing Development (EMD) contract awarded to Lockheed-Martin errors caused by wind when these munitions are released from medium to high altitudes. The WCMD kit fitted weapons will improve
- 2. Seek Eagle funds are included in FY98 (\$4.012) and FY04 (\$.134), for a total buy of 282 units. The ongoing RDT&E effort is funded under PE 64600F, which develops an inertial guidance tail kit for the CBU-87, CBU-89, and the CBU-97 dispenser.
- 3. Note: Expendable test units not included in above quantities: 20 in FY99, 25 in FY00, and 21 in each year from FY01-FY05.

	Page 1 of 1
PAGE NO.	58
P-1 ITEM NO.	24

WEAPON SYSTEM COST ANALYSIS (EXHIB	LYSIS	(ЕХНІВ	IT P- 5)							DATE: F	EBRU/	FEBRUARY 2000	00
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	>MENT			<u> </u>	1 NON	P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER	TURE:	NS DISF	ENSER				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	QTY	UNIT	TOTAL COST	ΩTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST	αту	UNIT	TOTAL COST
HARDWARE							{9,179}			{42,105}			{88,665}
WCMD KITS	٧				929	13,306	966'8	2,990	13,956	41,729	6,308	13,900	87,682
ECO							184			376			983
PRODUCTION SUPPORT							{5,764}			{6,411}			{14,722}
DATA							4			3			3
SYSTEM TEST							288			1,625			2,742
PROGRAM MANAGEMENT ADMINISTRATION							878			2,560			4,448
OTHER COSTS (1)							3,950			2,223			7,529
NONRECURRING HARDWARE							0			108			629
TOTALS:							14,943			48,624			104,046
REMARKS: (1) Common munitions bit reprogrammable equipment (CMBRE), load trainers, Air Force Mission Support System (AFMSS) field installation.	nable equ	uipment ((CMBRE),	load train	ers, Air Fo	orce Missi	oddnS uo	t System	(AFMSS)	field insta	Illation.		

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PAGE NO:

P-1 ITEM NO: 24

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		:							
BUDGET PROCUREMENT HISTORY PLANNI	T HIST	ORY PL	ANNING (EXHIBIT P- 5A)	r P- 5A)	:	DATE: FI	FEBRUARY 2000	۲Y 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	EQUIPA	AENT		P-1 NOMENCLATURE: WIND CORRECTED MUNIT	P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER				
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE		SPECS AVAIL NOW	DATE REV. AVAIL
WCMD KITS									
FY99 (1)	676		22,105 AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	FL JUL 99	9 JUL 00		
FY00 (2)	2,990		16,262 AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	FL MAR 00	0 JAN 01	>-	
FY01 (2)	6,308		16,494 AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	FL JAN 01	1 DEC 01	>	
REMARKS: (1) FY99 option is to the Engineering and Manufacturing Development contract. (2) The government and Lockheed-Martin have a price commitment agreement as long as the government stays within the quantity band and maintains a total buy of 40,000 units.	ering and ed-Martir	Manufaci n have a p	uring Development contract.rice commitment agreement	ntract. ement as long as the	government stays within the	quantity ban	d and mai	ntains	
									_

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P-1 ITEM NO: 24

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BUDGET ITEM JUSTIFICATION (EXHIBIT	IIFICATION ((EXHIBIT P-40)				DATE:	FEBRUARY 2000	2000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPA	MENT		SPARES	SPARES AND REPAIR PARTS	RTS		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$1,967	\$2,292	\$2,431	\$2,200	\$2,471	\$2,445	\$2,494
Description:								: :
1. This P-1 line funds spares and repair parts for Procurement of Ammunition, Air Force (PAAF) items. Initial spares consist of reparable components, assemblies and subassemblies, as well as consumable items required in support of newly fielded end items. Requirements are based on historical failure/demand data on similar items. Replenishment spares consist of reparable components, assemblies and subassemblies required for follow-on sustainment of end items. Munitions replenishment spare levels are based on item specific failure/demand driven computations.	spares and repses and subassen re/demand das sustainment of	air parts for Proc nblies, as well as ta on similar iten end items. Mun	Procurement of Ammunition, Air Force (PAAF) items. Initial spares consist of reparable vell as consumable items required in support of newly fielded end items. Requirements are items. Replenishment spares consist of reparable components, assemblies and subassem Munitions replenishment spare levels are based on item specific failure/demand driven	nunition, Air F ms required in ent spares cons ment spare leve	orce (PAAF) ite support of newlist of reparable (ms. Initial spar y fielded end ite components, asi item specific fa	es consist of repens. Requirem semblies and su ilure/demand d	parable ents are bassemblies riven
2. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	Y01 are identi oased on the m	fied on the follov lost critical muni	following P-40A and are representative of items to be procured. Items promnitions/equipment needed to support Air Force mission requirements.	are represental needed to supj	ive of items to b port Air Force m	oe procured. Ite nission requiren	ems procured du nents.	ıring
				**				
		P-1 ITEM NO:			PAGE NO:		Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	I FOR	GGREGA	TED ITEMS	S (ЕХНІВІТ І	o- 40A)		DATE: F	FEBRUARY 2000	2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	MENT			P-1 NOME SPARES AND	P-1 NOMENCLATURE: SPARES AND REPAIR PARTS	o			
	0			FY	FY1999	<u>\</u>	FY2000	FY	FY2001
PROCOREMENTIEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
INITIAL SPARES					0\$		\${141}		\${141}
MISC. LOW COST INITIAL SPARES (P-1 LINE # N/A)	٧				\$0		\$141		\$141
				:					
REPLENISHMENT SPARES					\${1,967}		\${2,151}		\${2,290}
GBU-15 (P-1 LINE #13 & 17)	٧				\$703		\$665		\$637
OTHER MISCELLANEOUS ITEMS (P-1 LINE #33)	A				26\$		\$234		\$204
GBU-24/27 (P-1 LINE # N/A)					\$268		\$107		\$247
BOMBS (P-1 LINE # 12 & 13)	∢				668\$		\$694		\$702
TTU-373A DIGITAL TEST SET (P-1 LINE # 33)	٧				\$0		\$451		\$500
Totals:					\$1,967		\$2,292	100000000000000000000000000000000000000	\$2,431
Remarks:									
<u>a. </u>	P-1 ITEM NO: 32	Ö		PAGE NO: 62	 O			Page 1	1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT I	TIFICATION ((EXHIBIT P-40)	(DATE:	FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	ELATED EQUIPA	MENT		MODIFICA	MODIFICATIONS LESS THAN \$5 MILLION	IAN \$5 MILLION		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$49	\$620	\$196	\$210	\$203	\$195	\$215
Description:								
Permanent modifications consist of configuration changes to in-service systems and equipment which correct material/other deficiencies or add/delete capability. Safety modifications correct deficiencies which may create personnel, system or equipment hazards. This budget line encompasses both new and on-going modification efforts for guided bomb and munitions systems. The FY01 funding request reflects estimated costs based on historical funding requirements.	ons consist of c Safety modification of and on-going and funding required to the contraction of the contract	configuration cha ations correct de modification eff iirements.	inges to in-serviorificiencies which orts for guided b	ce systems and 1 may create per 20mb and muni	equipment which rsonnel, system o tions systems. TI	n correct materi r equipment ha ne FY01 fundin	al/other deficier zards. This buc g request reflec	ncies or lget line ts estimated
		P-1 ITEM NO:	ö		PAGE NO: 63		Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT	IFICATION	(EXHIBIT P-40)	(DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:				P-1 NOM	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	ATED EQUIP!	MENT		ITEMS LE	ITEMS LESS THAN \$5,000,000, OTHER ITEMS),000, ОТНЕR IT	EMS	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$8,771	\$6,528	\$7,806	\$8,160	\$8,326	\$7,644	\$7,786
Description:								
This category includes various munitions items to support Air Base Defense, Air Rescue, Explosive Ordnance Disposal (EOD), and aircrew/ground training. All items have an annual procurement value of less than \$5 million and are code A. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical equipment needed to support Air Force mission requirements.	various munit, All items ha ing P-40A and needed to sup	ions items to sup ve an annual pro d are representati	port Air Base Decurement value of items to be nission requirem	efense, Air Res of less than \$5 1 e procured. Iter ents.	cue, Explosive million and are as procured dut	Ordnance Dispo code A. Items I ring execution n	osal (EOD), and requested in FY and nay change base	01 are ed on the
		P-1 ITEM NO:	ö		PAGE NO:	Ö	Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITE	GATED ITEMS (EXHIBIT P- 40A-IL)	-IL)	DAT	DATE: FEBRUARY 2000	۲۲ 2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000, OTHER ITEMS	'URE: 000,000, OTHE	R ITEMS		
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
CHARGE, DEMO M112 (M023)				159,850	\$2,345
DYNAMITE, AMMONIA (MN32)				398	\$
WATER GEL EXPLOSIVE (MY77)				714	\$
ANDROS ROBOT				rc.	\$625
MK 1 WRENCH, EOD				12	\$84
DETA SHEET EXPLOSIVE (M980)				89	\$25
DISRUPTOR, LIGHT WEIGHT (YY32)				2,315	\$180
MAIN CHARGE DISRUPTOR (YY33)				663	\$70
SHOCK TUBE (YY34)				820	\$44
SQUIB (YY35)				6,504	\$24
RELOADER, SMOKELESS POWDER (ZY10)				227	\$\$
BLAST MACHINE				200	\$81
DETONATION CORD (MU41)				46,154	\$12
NUCLEAR TRAINER				21	\$2,700
CODE MANAGEMENT SYSTEM				7	\$231
MUNITIONS ASSEMBLY CONVEYOR				_	\$72
AN/GJM-65 TEST SET (GBU-15)				_	\$957
TTU-373 DIGITAL TEST SET				-	\$350
TOTALS:					\$7,806
P-1 ITEM NO:	PAGE NO: 65			Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT	IIFICATION ((EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	5000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPN	MENT		FLARES (FLARES (OVERVIEW)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$37,445	\$26,635	\$37,432	\$55,040	\$46,372	\$51,915	\$53,018
Description:								
1. Flares are dispensed from a variety of aircraft to either protect the aircraft by decoying enemy heat-seeking missiles or as an illumination source for reconnaissance, target marking, emergency night landings, or search and rescue.	l from a variety nce, target mar	y of aircraft to eith king, emergency	her protect the ai night landings, o	ircraft by decor	ying enemy hea' sscue.	t-seeking missil	es or as an illun	nination
2. FY 99 funding was included in ASTE (P-1 Line number 26), Flare, IR MJU-7B (P-1 Line number 27), MJU-10B (P-1 Line number 28), M-206 Cartridge Flare (P-1 Line number 29), and LUU-19 Flare (P-1 Line number 31).	included in AS (P-1 Line num	STE (P-1 Line nur lber 29), and LUI	ine number 26), Flare, IR MJU-7B (P-1 id LUU-19 Flare (P-1 Line number 31).	IR MJU-7B (F Line number 3	-1 Line number 1).	: 27), MJU-10B	(P-1 Line numb	oer 28),
3. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force Mission requirements.	'Y01 are identi based on the n	ified on the follov nost critical muni	following P-40A and are representative of items to be procured. Items p munitions/equipment needed to support Air Force Mission requirements.	are representat needed to supp	ive of items to l port Air Force N	be procured. Ita Aission requiren	ems procured du nents.	ıring
		P-1 ITEM NO:	ö		PAGE NO:		Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION FOR AGGR	N FOR		ATED ITEMS	EGATED ITEMS (EXHIBIT P- 40A)	- 40A)		DATE: F	FEBRUARY 2000	2000
APPROP CODE/BA:	IIPMENT			P-1 NOMENCLATURE: FLARES (OVERVIEW)	ICLATURE				
				FY1	FY1999	FY	FY2000	FY	FY2001
PROCUREMENT ITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
W206 CARTRIDGE FLARE (L410) (1)	٧			899,005	\$11,340	410,633	\$5,015		
LUU-2B FLARE (L440)	٧			524	\$312	3,755	\$2,240	18,347	\$10,966
MJU-10/B FLARE (L461) (1)	A			199,877	\$10,291	134,228	\$6,241		
MJU-7B IR FLARE (L463) (1)	A			256,742	\$6,666	123,829	\$2,500		
-UU-19 FLARE (LA05)	A			3,050	\$4,301	856	\$1,194	5,496	\$7,642
TEMS LESS THAN \$5 MILLION					\$4,535		\$9,445		\$18,824
Totals:					\$37,445		\$26,635		\$37,432
(1) FY01 funding is included in Items Less Than \$5 Million.	s Less Tha	n \$5 Million.							
	P-1 ITEM NO: 35	:ON		PAGE NO: 67	Ç			Page 1 of 1	l of 1

BUDGET ITEM JUSTIFICATION (EXHIBIT	ICATION	(EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	5000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	.::		
PAAF/MUNITIONS & RELATED EQUIPMENT	red Equipi	MENT		FLARES (FLARES (LUU-2B FLARE - L440)	- L440)		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY	:							
COST (in Thousands)		\$312	\$2,240	\$10,966	\$10,000	\$5,000	\$6,000	\$6,000
Description:								
1. The LUU-2B aircraft parachute flare provides illumination for reconnaissance, bombardment, emergency night landings and search and rescue. High-speed aircraft launch flares through use of an SUU-25 flare dispenser. These flares may also be launched from a C-130 aircraft LAU-74 cargo door launcher, hand launched, or launched from an aircraft utilizing static line ignition. Flares float to ground via an 18-foot diameter cruciform parachute, may be set to activate at altitudes from 500 to 11,000 feet, and free fall prior to activation. The flare candle burns for approximately 4.5 minutes at an illumination level of 2 million candlepower.	parachute fl aft launch fl her, hand la nute, may be	are provides illu lares through use unched, or launc e set to activate a llumination level	mination for reconstruction of an SUU-25 function of the street of a littitudes from the altititudes from the of 2 million can	onnaissance, bo lare dispenser. raft utilizing st 500 to 11,000 idlepower.	ombardment, em These flares ma atic line ignition feet, and free fa	lergency night la ay also be launc n. Flares float t Il prior to activa	andings and sea thed from a C-13 o ground via an ation. The flare	rch and 30 aircraft 18-foot candle burns
2. This item is procured through the Single Manager for Conventional Ammunition (SMCA).	hrough the	Single Manager	for Conventiona	l Ammunition ((SMCA).			
3. These items are representative of items to be procured. Items actually procured during execution may change based on the most critical munitions needed to support Air Force mission requirements.	entative of i	tems to be procu e mission requir	procured. Items actua requirements.	ılly procured du	ıring execution	may change bas	ed on the most	critical
		P-1 ITEM NO: 35	ö		PAGE NO:		Page	Page 1 of 1

)				•						
WEAPON SYSTEM COST ANALYSIS (EXHIB	LYSIS	(ЕХНІВ	IT P- 5)						Ω	DATE:	-EBRUA	FEBRUARY 2000	0
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT				P-1 NOMENCLATURE: FLARES (LUU-2B FLARE - L440)	ENCLA UU-2B F	TURE: LARE - L4	40)					
	i i					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	QTY	UNIT	TOTAL	ату	UNIT	TOTAL	QTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST
LUU-2B							{303}			{2,197}			{10,805}
LOAD, ASSEMBLE AND PACK (LAP)	A				524	579.10	303	3,755	584.99	2,197	18,347	588.91	10,805
PRODUCTION SUPPORT							(6)			(43)			{161}
QUALITY ASSURANCE							2			11			5
INTERIM TRANSPORTATION							0			0			0
INDUSTRIAL STOCK SUPPORT							7			32			156
TOTALS:							312			2,240			10,966
REMARKS:													
<u>a</u>	P-1 ITEM NO: 35	NO:			PAC	PAGE NO:					Pac	Page 1 of 1	
		-					-						

APPROP CODE/BA:P-1 NOMENCLATURE:PAAF/MUNITIONS & RELATED EQUIPMENTFLARES (LUU-2B FLARE - L440)	CONTRACT COST COST COST CONTRACTOR AND LOCATION COST	AP)	524 595.42 AFMC/OO-ALC C/FP UNKNOWN	3,755 596.54 AFMC/OO-ALC C/FP UNKNOWN	18,347 597.70 AFMC/OO-ALC C/FP UNKNOWN	P-1 ITEM NO: PAGE NO:
	LOCATION OF PCO		595.42 AFMC/OO-ALC	596.54 AFMC/OO-ALC	597.70 AFMC/OO-ALC	ITEM NO:
EQUIPA	QTY.		524	3,755	18,347	<u>4</u>
: LATED EQUIPM	αту.	LOAD, ASSEMBLE AND PACK (LAP)	524	3,755	18,347	P-1

BUDGET ITEM JUSTIFICATION (EXHIBIT APPROP CODE/BA:	IFICATION	(EXHIBIT P-40)		P-1 NOM	P-1 NOMENCLATURE:		DATE: FEBRUARY 2000	000
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPI	MENT		FLARES (I	FLARES (LUU-19 FLARE - LA05)	LA05)	,	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$4,301	\$1,194	\$7,642	\$16,000	\$8,000	\$5,000	\$1,000
Description:								
1. The LUU-19 aircraft parachute flare is an aircraft launched illuminating device used for reconnaissance, bombardment, emergency night landings or search and rescue. These flares are classified according to use, illumination, and burn time. High speed aircraft launch flaresthrough use of an SUU-25 flare dispenser. These flares may also be launched from C-130 aircraft using an LAU-74 cargo door launcher, hand launched or launched from aircraft utilizing static line ignition. Flares float to ground via an 18-foot diameter cruciform parachute, may be set to activate from 500 to 11,000 feet, and free fall prior to activation. The flare candle burns for approximately 300 seconds at an illumination level of 100-watts per steradian in the near infrared spectrum. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.	t parachute fla rescue. These dispenser. Tl aft utilizing sta t, and free fall in the near in tems procured	ure is an aircraft lates are classi. Hese flares may a atic line ignition. prior to activation frared spectrum. I during execution	craft launched illuminating device used for reconnaissance, bombardment, emergency night classified according to use, illumination, and burn time. High speed aircraft launch flaresthroughmay also be launched from C-130 aircraft using an LAU-74 cargo door launcher, hand launched ition. Flares float to ground via an 18-foot diameter cruciform parachute, may be set to activate tivation. The flare candle burns for approximately 300 seconds at an illumination level of trum. Items requested in FY01 are identified on the following P-5 and are representative of scution may change based on the most critical munitions/equipment needed to support Air Force	ating device use use, illumination from C-130 aircound via an 18 rdle burns for al lin FY01 are id used on the mos	ed for reconnais on, and burn tin craft using an L foot diameter of pproximately 30 entified on the t critical muniti	ssance, bombarc ne. High speed AU-74 cargo do ruciform paraci 00 seconds at ar following P-5 a ons/equipment	iment, emergenc aircraft launch f oor launcher, ha hute, may be set illumination I nd are represent needed to suppo	y night laresthrough nd launched to activate evel of ative of rt Air Force
2. This item is centrally procured by the Air Force.	ly procured by	the Air Force.						
		P-1 ITEM NO:	ö		PAGE NO:	- i	Page	Page 1 of 1

WEAPON SYSTEM COST ANALYSIS (EXHIB	LYSIS	(ЕХНІВ	IT P- 5)			ļ			٥	DATE: F	-EBRU	FEBRUARY 2000	00
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT		i i		P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA05)	ENCLA UU-19 FL	TURE: ARE - LA	(90)					
	1					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αту	UNIT	TOTAL	απγ	UNIT	TOTAL	QTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL
HARDWARE													
LUU-19/B FLARE	٧				3,050	1,409.77	4,301	856	1,394.85	1,194	5,496	1,390.46	7,642
TOTALS:							4,301			1,194			7,642
REMARKS:									: 				
<u>a</u>	P-1 ITEM NO: 35	ÖN E			PAC	PAGE NO:					T	Page 1 of 1	_

		FE SPECS DATE ST AVAIL REV. L. NOW AVAIL		00	۰۵0 ۲	۰۱۵ ۲
FEBRUARY 2000		AWD. PATE DATE FIRST DEL.		AUG 99 APR 00	MAR 00 NOV 00	MAR 01 NOV 01
DATE:					W	M,
	TURE: ARE - LA05)	CONTRACTOR AND LOCATION		THIOKOL CORP; BRIGHAM CITY, UT	UNKNOWN	UNKNOWN
P- 5A)	P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA05)	CONTRACT METHOD & TYPE		C/FP T	C/FP	C/FP
ANNING (EXHIBIT		LOCATION OF PCO		AFMC/00-ALC	1,394.85 AFMC/OO-ALC	1,390.46 AFMC/OO-ALC
ORY PLA	AENT	UNIT		1,409.77	l	
T HIST	EQUIPN	QTY.		3,050	856	5,496
BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	ITEM / FISCAL YEAR	LUU-19/8 FLARE	FY99	FY00	FY01

BUDGET ITEM JUSTIFICATION (EXHIBIT	IFICATION ((EXHIBIT P-40)		; ;		DATE:	DATE: FEBRUARY 2000	5000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	LATED EQUIPA	MENT		FLARES (FLARES (ITEMS LESS THAN \$5 MILLION)	AN \$5 MILLION)		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$4,535	\$9,445	\$18,824	\$14,162	\$13,240	\$17,096	\$17,504
Description:								
All listed items on the following P-40A have an annual procurement value of less than \$5,000,000 and are Code A, except the F-22 (PE - 27219) and ASTE (PE - 64270) programs which are in the research and development phase and are Code B. Items requested in FY01 are identified on	following P-4(A have an annua hich are in the re	annual procurement value of less than \$5,000,000 and are Code A, except the F-22 (PE - 27219) the research and development phase and are Code B. Items requested in FY01 are identified on	alue of less tha lopment phase	in \$5,000,000 an and are Code B.	d are Code A, e	except the F-22 ad in FY01 are i	(PE - 27219) dentified on
the following P40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support air force mission requirements. This catagory includes funding for the M-206 cartridge flare, MJU-10/B munitions/equipment needed to support air force mission requiremeasures flare, LUU-1 aircraft parachute flare, Advanced Strategic and	d are represent eeded to support	tative of items to ort air force miss	be procured. Ite	oms procured des. This catagor	uring execution 1 y includes fundii re, LUU-1 aircrai	may change ba: ng for the M-2(ft parachute fla	sed on the most 06 cartridge flar re, Advanced S	critical e, MJU-10/B trategic and
Tactical Expendable (ASTE) flare, SUU-25 flare dispenser adapter kit, and F-22 countermeasure flare.	ASTE) flare, S	UU-25 flare disp	enser adapter kit	, and F-22 cou	ntermeasure flar	· 43		,
		P-1 ITEM NO:	ö		PAGE NO:	<u>.</u>	Page	Page 1 of 1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	EMS (EXHIBIT P- 40A	۱-۱۲)		DATE: FEBF	DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)	TURE: THAN \$5 MILI	(NOI			
					FY2001	
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST	
M206 CARTRIDGE FLARE (L410)				200	205,114	\$2,845
MJU-10/B FLARE (L461)				<u> </u>	50,363	\$3,700
MJU-7B IR FLARE (L463)				₩ 	83,124	\$1,833
MJU-23 FLARE (L462)					5,100	\$2,500
LUU-1 (L660)					341	\$347
ASTE FLARE						\$4,828
SUU-25 FLARE DISPENSOR ADAPTOR KIT (LY15)					8,489	\$50
F-22 FLARES					•	\$2,721
TOTALS:					\$	\$18,824
P-1 ITEM NO:	PAGE NO: 75				Page 1 of 1	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	N (EXHIBIT P-4	(0)			DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:			P-1 NON	P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT	IIPMENT		JOINT PR	JOINT PROGRAMMABLE FUZE	FUZE		
	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY	4,37	73 628	3,271	3,963	14,278	13,128	11,898
COST (in Thousands)	\$11,486	\$1,997	\$9,342	\$10,643	\$29,405	\$26,621	\$25,312
1. FY00 funding for the Joint Programmable Fuze (JPF) is included in P-1 Line 13, General Purpose Bombs in Future Years Defense Plan documentation. 2. The FMU-152/B JPF is a Joint AF/Navy multi-function unitary fuze being developed and procured for the Joint Direct Attack Munition (JDAM) and other conventional inventory weapons. The FMU-152/B will provide a highly reliable bomb fuze with multiple arm times, instantaneous and multiple short and long delay detonation times, hard target survivability, cockpit programmability, and increased service/shelf life. The JPF provides backward compatibility for MK-80 series guided and unguided bombs. It will replace or supplement different inventory fuzes such as the FMU-139, FMU-143, FMU-124, and M904/M905, and provide the next generation of fuzing capability for hard target, general purpose and guided bombs.	grammable Fuze (AF/Navy multi-finventory weapons and long delay det compatibility for 1-143, FMU-124, and 1-144, and	(JPF) is included in P-1 Line 13, General Purpose Bombs in Future Years Defense Plan function unitary fuze being developed and procured for the Joint Direct Attack Munition s. The FMU-152/B will provide a highly reliable bomb fuze with multiple arm times, tonation times, hard target survivability, cockpit programmability, and increased service/shelf MK-80 series guided and unguided bombs. It will replace or supplement different inventory and M904/M905, and provide the next generation of fuzing capability for hard target, general	n P-1 Line 13, (ze being develo will provide a d target surviva led and unguide and provide the	General Purpose ped and procure highly reliable I bility, cockpit p cd bombs. It wil	Bombs in Futu d for the Joint I bomb fuze with rogrammability I replace or sup 1 of fuzing capal	ure Years Defens Direct Attack Mu , and increased s plement differer bility for hard ta	e Plan unition nes, ervice/shelf tt inventory rget, general
	P-1 ITEM 36	NO:		PAGE NO: 76	Ö	Page 1	1 of 1

WEAPON SYSTEM COST ANALYSIS (EXHIB	LYSIS	(ЕХНІВ	IT P- 5)							DATE:	FEBRU	FEBRUARY 2000	00
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT				P-1 NOMENCLATURE: JOINT PROGRAMMABLE FUZE	ENCLA JGRAMM	TURE: IABLE FU	ZE					
	TIVE					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	QTY	UNIT	TOTAL	ατΥ	UNIT	TOTAL COST	αTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST
HARDWARE							{9,201}			(1,550)			{7,710}
FMU-152/B FUZE	٧				4,373	2,104.02	9,201	628	2,468.18	1,550	3,271	2,357.01	7,710
PRODUCTION SUPPORT							{2,197}			{321}			{1,344}
ECO/ECP							501			88			401
SYSTEM ENGINEERING/PROGRAM MANAGEMENT	:						290			49			223
DATA							9			7			9
CONTRACTOR SUPPORT							800			177			714
FIRST ARTICLE ACCEPTANCE TEST							009			0			0
NONRECURRING							0			(111)			{200}
TOOLING/TEST EQUIPMENT							0			0			100
LIFE CYCLE TEST SET							0			111			100
GOV'T FURNISHED MATERIAL - CONTAINERS							88			15			88
TOTALS:							11,486			1,997			9,342
REMARKS:													
ď	P-1 ITEM NO:	ON			PAG	PAGE NO:					Pac	Page 1 of 1	
		_											

BUDGET PROCUREMENT HISTORY PLANN	T HIST	JRY PL	ANNING (EXHIBIT P- 5A)	r P- 5A)		DATE: F	EBRUA	FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	EQUIPA	IENT	,	P-1 NOMENCLATURE: JOINT PROGRAMMABLE FUZE	TURE: AABLE FUZE				
ΠEM / FISCAL YEAR	ΩTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FMU-152/B FUZE									
FY99	4,373	2,626.57	AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	66 NUL	00 NUL 66		
FY00	628		3,179.94 AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	00 NUL	00 JUN 01	>	
FY01	3,271		2,856.01 AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	10 NUL	10N 02	>	
REMARKS: 1. Unit cost reflects hardware price only. 2. The basic contract was awarded to Dayron, Orlando, FL on 19 Jun 98 for first article acceptance test and low rate initial production (LRIP). The contract includes firm fixed price options for FY99-03 and additional options for FY04-07 under a production price commitment curve. contract includes firm fixed price options for FY99-03 and additional options for FY04-07 under a production price commitment curve.	ice only. options f	yron, Orla or FY99-0	ndo, FL on 19 Jun 98 3 and additional optior	for first article accep ns for FY04-07 unde	iL on 19 Jun 98 for first article acceptance test and low rate initial production additional options for FY04-07 under a production price commitment curve.	I production (L	.RIP). The		

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PAGE NO:

P-1 ITEM NO: 36

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-	ATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	2000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	.::		
PAAF/MUNITIONS & RELATED EQUIPMENT	:D EQUIPN	IENT		SMALL ARMS	RMS	į		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY							ļ	
COST (in Thousands)		\$5,481	\$3,422	\$4,074	\$10	\$10	\$10	\$10
Description:								
1. FY99 funding was appropriated in M-16 A2 Rifle (P-1 line number 38), 9MM Compact Pistol (P-1 line number 39), M-9 Pistol (P-1 line number 40), and Items Less Than \$5M, Small Arms (P-1 line number 41). This small arms line encompasses small-caliber hand-fired weaponry (pistols or rifles) used to support air base ground defense, aircrew protection, Office of Special Investigation operations, security functions, and other activities requiring small portable firearms.	priated in Than \$5N pport air b	M-16 A2 Rifle (1, Small Arms () ase ground defer le firearms.	(P-1 line number P-1 line number nse, aircrew prot	:38), 9MM Co 41). This smal ection, Office	mpact Pistol (P- ll arms line enco of Special Inves	.1 line number 3 ompasses small- tigation operati	39), M-9 Pistol caliber hand-fii ons, security fu	(P-1 line red weaponry inctions, and
2. The items less than \$5 million category consists of various items used for air base defense and ground crew training, including the modification kits and accessories needed to improve or maintain existing weapons. Items requested in FY01 are identified on the accompanying P-40As and are representative of items to be procured. Items actually procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.	nillion cate sories need ve of item d to suppo	gory consists of led to improve c s to be procured ort current Air Fo	various items us or maintain existi L. Items actually orce mission req	sed for air base ing weapons. I procured durin uirements.	defense and gre tems requested ig execution may	ound crew traini in FY01 are ide y change based	ing, including the nitified on the a on the most cri	he ccompanying tical
		,						
		P-1 ITEM NO:	ö	i	PAGE NO:	ö	Page	e 1 of 1

BUDGET ITEM JUSTIFICATION FOR AGG	N FOR A	4GGREG	SATED ITEN	REGATED ITEMS (EXHIBIT P- 40A)	P- 40A)		DATE: FE	DATE: FEBRUARY 2000	2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	PMENT			P-1 NOME I SMALL ARMS	P-1 NOMENCLATURE: SMALL ARMS				
	<u>a</u>		-	FY	FY1999	FY2	FY2000	ΕY	FY2001
PROCOREMENTIEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
ITEMS LESS THAN \$5M	A				\$5,481		\$3,422		\$4,07
Totals:					\$5,481		\$3,422		\$4,074
Remarks:									
d	P-1 ITEM NO: 37	NO:		PAGE NO: 80	NO:			Page 1 of 1	of 1

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITE	EGATED ITEMS (EXHIBIT P- 40A-IL)	r-IL)	Ω	DATE: FEBRUARY 2000	RY 2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: SMALL ARMS	TURE:			
					FY2001
N MULTINATION OF THE PROPERTY	NSN	QTY.	COST	QTY.	COST
MOUNT, TRIPOD					\$
SIGHT, TELESCOPIC				6	
NIGHT VISION SIGHTS				10	
M4 CARBINES CORE EQUIPMENT				17	\$10
M-16A2 RIELE CONVERSION KIT			1	15,303	\$4,000
ווין נוט לי נון בין פון נוט בין נוט בי					\$4,074
TOTALS:					
P-1 ITEM NO:	PAGE NO:			<u>. </u>	Page 1 of 1
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